



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Appl. No. : 09/540,828 | Confirmation No.: 2351 |
| Applicant : Yuval Ofek et al. | RECEIVED MAY 11 2004 Technology Center 2100 |
| Filed : March 31, 2000 | |
| T.C./A.U. : 2182 | |
| Examiner : Mike Nguyen | |
| Docket No. : EMC2-042PUS | |
| Customer No. : 022494 | |

Certificate of Mailing (37 C.F.R. 1.8(a))

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5-6-04
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and Mail Deposit

By: Cara Egan
Cara Egan

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

It is desired to cite for the record in this application the enclosed documents listed on the attached copy of PTO form PTO/SB/08A (Formerly #1449). The paragraph(s) marked below are applicable to this Information Disclosure Statement.

[] (1) The enclosed Information Disclosure Statement is being filed: within three months of the filing date; or within three months of the entry of the national stage of the above-identified application; or before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114. Accordingly, Applicant(s) believes that no fee or statement is required.

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☒ (2) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by the fee set forth in 37 C.F.R. § 1.17(p).

SUBMISSION UNDER 37 C.F.R. § 1.97(c)

INCLUDING A STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

☐ (3) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(c)

INCLUDING A STATEMENT UNDER 37 C.F.R. § 1.97(e)(2)

☐ (4) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(c)

INCLUDING STATEMENTS UNDER 37 C.F.R. §§ 1.704(d) AND 1.97(e)(1)

[] (5) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by statements under 37 C.F.R. §§ 1.704(d) and 1.97(e)(1). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement and was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(d)

INCLUDING A STATEMENT UNDER 37 C.F.R. §1.97(e)(1)

[] (6) Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(d)

INCLUDING A STATEMENT UNDER 37 C.F.R. §1.97(e)(2)

[] (7) Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to

any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(d)

INCLUDING STATEMENTS UNDER 37 C.F.R. §§ 1.704(d) AND 1.97(e)(1)

[] (8) Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by statements under 37 C.F.R. §§ 1.704(d) and 1.97(e)(1) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement and was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the accompanying Information Disclosure Statement.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy Rule 98(a) (3) even if in a foreign language, since the few terms of relevance therein are deemed of universal cognizance. However, Applicant(s) does not necessarily adopt the position reflected by that report.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 500845.

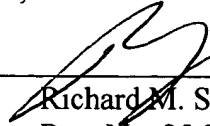
Dated: _____

5-6-04

Respectfully submitted,

DALY, CROWLEY & MOFFORD, LLP

By: _____



Richard M. Sharkansky

Reg. No. 25,800

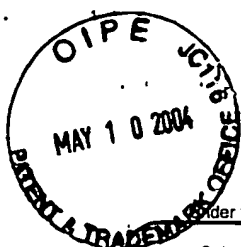
Attorney for Applicant(s)

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PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|----------------|
| Application Number | 09/540,828 |
| Filing Date | March 31, 2000 |
| First Named Inventor | Yuval Ofek |
| Art Unit | 2182 |
| Examiner Name | Mike Nguyen |
| Attorney Docket Number | EMC2-042PUS |

Sheet 1 of 3

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | | US- 4,780,808 | 10/25/1988 | Moreno et al. | |
| | | US- 5,274,645 | 12/28/1993 | Idleman et al. | |
| | | US- 5,386,511 | 01/31/1995 | Murata et al. | |
| | | US- 5,551,048 | 08/27/1996 | Steely, Jr. | |
| | | US- 5,586,264 | 12/17/1996 | Belknap et al. | |
| | | US- 5,603,058 | 02/11/1997 | Belknap et al. | |
| | | US- 5,745,790 | 04/28/1998 | Oskouy | |
| | | US- 5,787,265 | 07/28/1998 | Leshem | |
| | | US- 5,903,911 | 05/11/1999 | Gaskins | |
| | | US- 5,920,893 | 07/06/1999 | Nakayama et al. | |
| | | US- 5,948,062 | 09/07/1999 | Tzelnic et al. | |
| | | US- 5,949,982 | 09/07/1999 | Frankeny et al. | |
| | | US- 6,055,603 | 04/25/2000 | Ofer et al. | |
| | | US- 6,205,536 | 03/20/2001 | Yoshida | |
| | | US- 6,240,335 | 05/29/2001 | Wehrung et al. | |
| | | US- 6,338,095 | 01/08/2002 | Yasuda et al. | |
| | | US- 6,304,903 | 10/16/2001 | Ward | |
| | | US- 6,418,496 | 07/09/2002 | Pawlowski et al. | |
| | | US- 6,438,586 | 08/20/2002 | Hass et al. | |

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FOREIGN PATENT DOCUMENTS

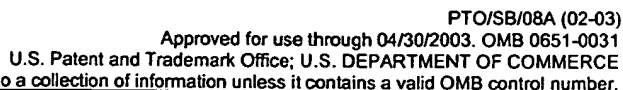
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | EP 0510821 | 10/28/1992 | | | |
| | | EP 0795812 | 09/17/1997 | | | |
| | | JP 8172446 | 07/02/1996 | | | |
| | | JP 07244634 (Abstract Only) | 09/19/1995 | | | |
| | | JP 07244634 | 09/19/1995 | | | |

Examiner
SignatureDate
Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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|------------------------|----------------|
| Application Number | 09/540,828 |
| Filing Date | March 31, 2000 |
| First Named Inventor | Yuval Ofek |
| Art Unit | 2182 |
| Examiner Name | Mike Nguyen |
| Attorney Docket Number | EMC2-042PUS |

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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| Examiner Signature | | Date Considered | |
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number

09/540,828

Filing Date

March 31, 2000

First Named Inventor

Yuval Ofek

Art Unit

2182

Examiner Name

Mike Nguyen

Sheet

3

of

3

Attorney Docket Number

EMC2-042PUS

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| Examiner Signature | | Date Considered | |
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